

# The Barco Line of Rotary Unions & Joints

When your applications demand exceptional performance and responsive customer service, Barco is the right choice. For a free catalog of any Barco product, contact our friendly customer service department, or print from our on line Catalog section at : [www.barcoseals.com](http://www.barcoseals.com)

## Type "C" Operating Data

Max. Steam Pressure		
125 PSI		8.6 BAR
Temperature		
+406°F		+208°C



**Type "C"** - Bronze trim sizes 1/2" to 3"

Specially designed for water, brine and low pressure steam applications. I.e. rubber mills, mixers & calenders.

## Type "C" Operating Data

Max. Steam Pressure		
250 PSI		17 BAR
Steam Temperature		
+406°F		+208°C
Hot Oil Pressure		
150 PSI		10 BAR
Hot Oil Temperature		
600°F		315° C



**Type "C"** - Ferrous trim sizes 1/2" to 3"

Specially designed for higher pressure steam, water and hot oil roll i.e. paper and textile drying cylinders, rubber mills, mixers & calenders.

## E-75 RS Operating Data

Max. Pressure		
150 PSI		10.3 BAR
Max. Temperature		
+225°F		+107°C
Max. Speed		
3/8" to 3/4" - 3,500 RPM	1-1/2" - 2,500 RPM	
1" - 3,000 RPM	2" - 750 RPM	
1-1/4" - 2,500 RPM		



**E-75 RS** - sizes 3/8" to 2"

This product is primarily used in water applications in the printing, paper, plastics and steel processing industries.

For higher temperatures, contact Barco.

## E-75 RS Operating Data

Max. Pressure		
2-1/2" size 200 PSI		14 BAR
3" size 150 PSI		10,3 BAR
Max. Temperature		
2-1/2" & 3" size 250°F		+120°C
Max. Speed		
2-1/2" size 750 RPM		750/MIN
3" size 500RPM		500/MIN



**E-75 RS** - sizes 2-1/2" & 3"

These water Rotary Unions are designed for use on mills and calenders in the rubber industry, galvanizing lines in the steel processing industries and film lines in the plastic industry.

### Type GR & GRX Operating Data

Max. Steam Pressure  
160 PSI      11 BAR



**GR & GRX**  
sizes 2", 2-1/2" & 3"

Designed specifically for application on paper machine dryers with rotating syphons. Unique seal-in-compression design.

### Super G Operating Data

Max. Steam  
250 PSI      17 BAR  
  
Temperature  
+406°F      207°C



**Super G**  
sizes 1-1/4", 1-1/2" & 2"

Designed specifically for application on paper machine dryers with stationary syphon. Unique seal-in-compression design.

### SFL Operating Data

Max. Pressure  
1500 PSI      105 BAR  
  
Max. Speed  
8500 RPM      8500/MIN

Do not run max. speed and pressure simultaneously.



**SFL**

Unique sealed-for-life bearings supply coolant to high-speed, multi-spindle automotive transfer lines.

**Do Not Run Dry**

### BLS Operating Data

Max. Pressure  
1500 PSI      105 BAR  
  
Max. Speed  
20,000 RPM      20,000 MIN.

Union exerts a thrust load of 100 lbs. at 1000 PSI on the spindle.



**BLS**

This bearingless joint is designed to supply coolant to high-speed, multi-spindle automotive transfer lines.

**Do Not Run Dry**